

[REDACTED]

## **EXHIBIT A**

*IMPLICIT, LLC*  
v.  
*NETSCOUT SYSTEMS, INC.*

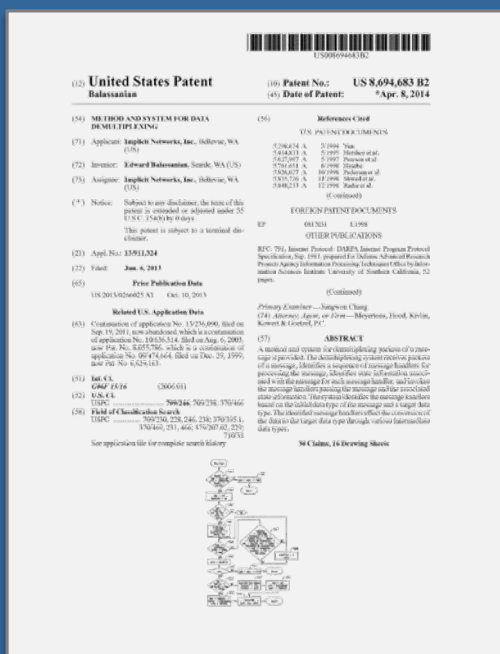
Dr. Kevin C. Almeroth: Expert Testimony

IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF TEXAS  
MARSHALL DIVISION

Civil Action No. 2:18-CV-00053

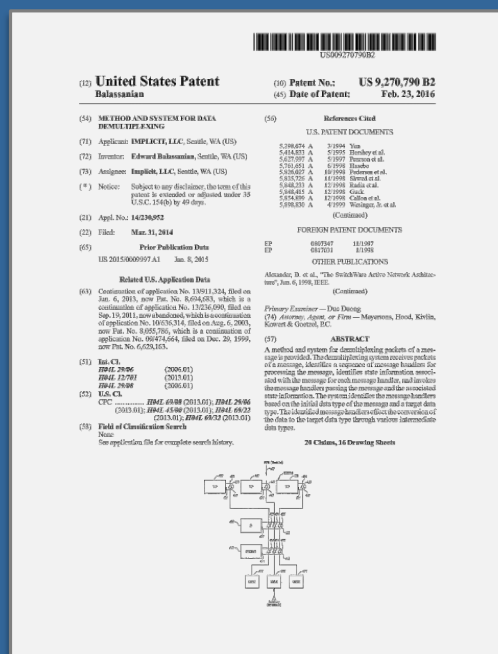
# The Asserted Claim of the Implicit Patents

## U.S. Patent 8,694,683



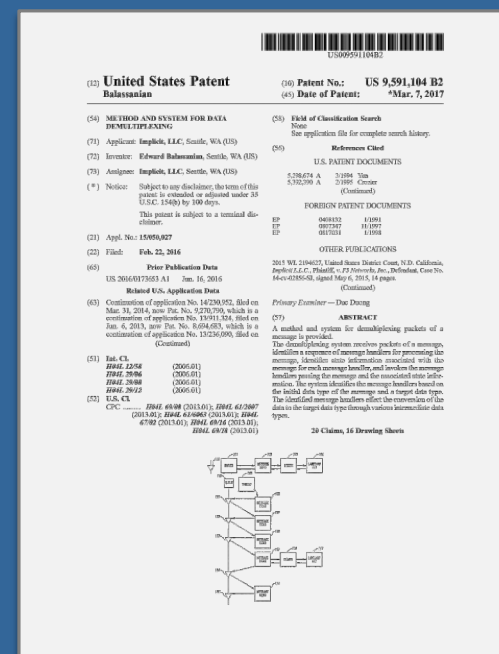
## Claims 1 and 10

## U.S. Patent 9,270,790



## Claim 1

## U.S. Patent 9,591,104



## Claims 1, 3 and 4

# '683 Patent: Infringement Analysis

## '683 Patent, Claim 1

1. A first apparatus for receiving data from a second apparatus, the first apparatus comprising:

- a processing unit; and
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store the created path; and

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## SUMMARY

Claim 1: Elements	Arbor	InfiniStream	GeoProbe
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# '683 Patent, Claim 1: Infringement Analysis

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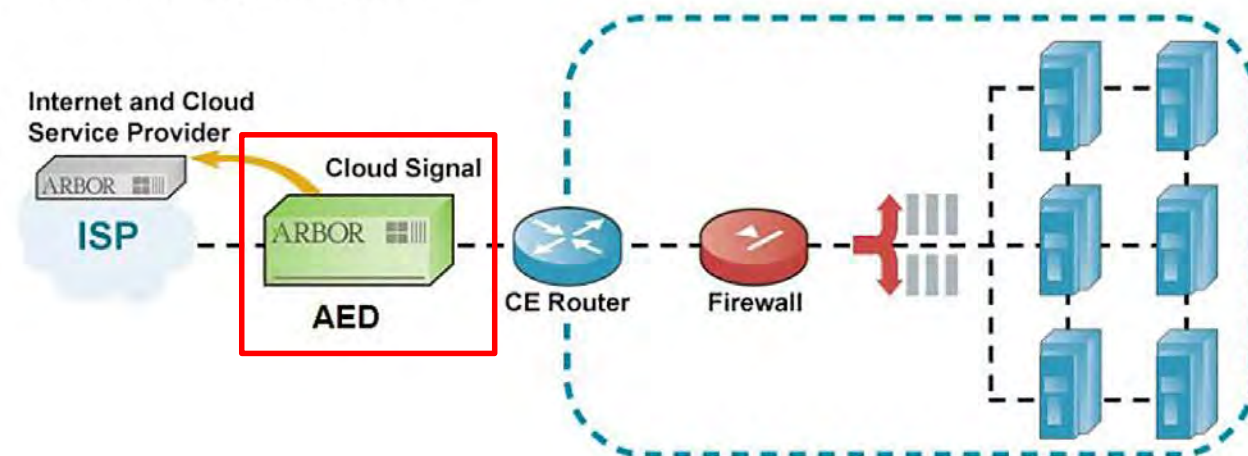
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How Cloud Signaling works



PTX062, at 381

# '683 Patent, Claim 1: Infringement Analysis

## '683 Patent, Claim 1

## InfiniStream

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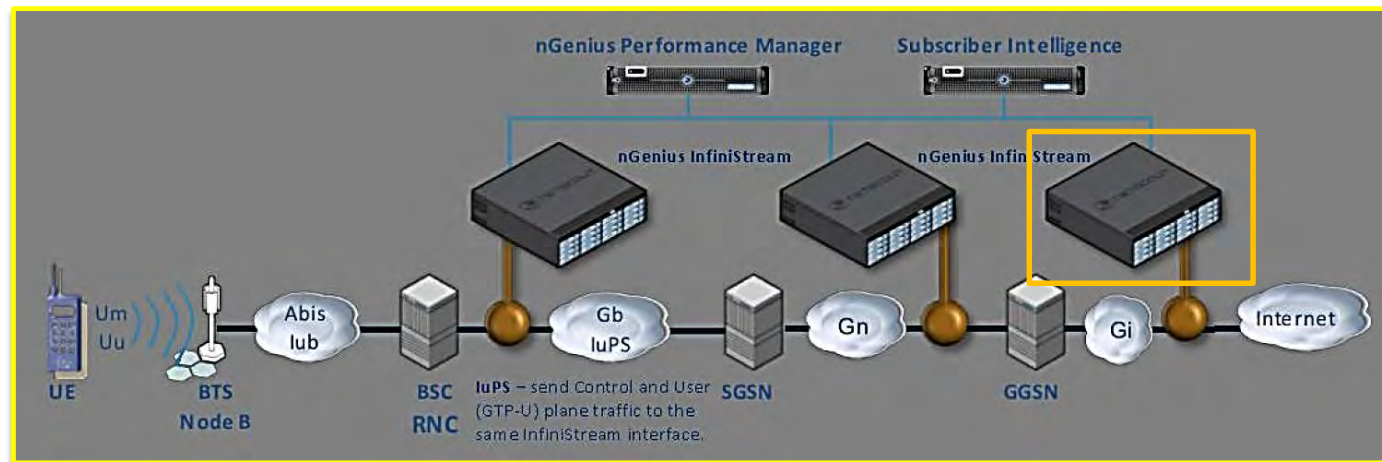
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PTX-010, at 2

# '683 Patent, Claim 1: Infringement Analysis

## '683 Patent, Claim 1

## GeoProbe

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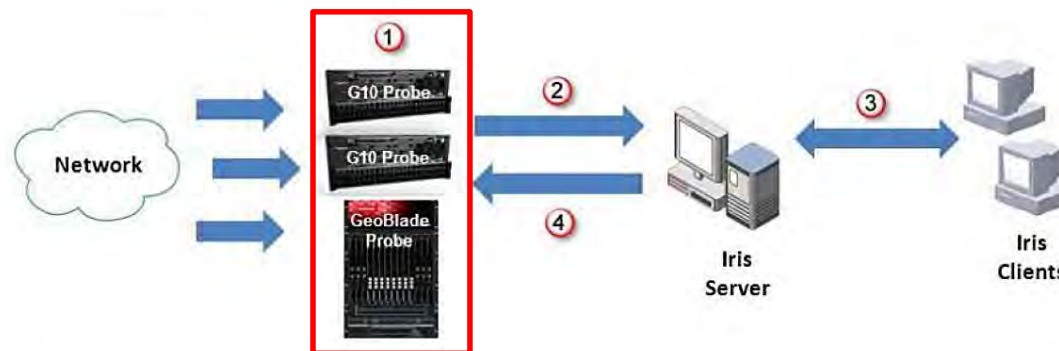
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3.7.1.5 Auto-detection Process



# '683 Patent, Claim 1: Infringement Analysis

## '683 Patent, Claim 1

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# '683 Patent, Claim 1: Infringement Analysis

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# '683 Patent, Claim 1: Infringement Analysis

## '683 Patent, Claim 1

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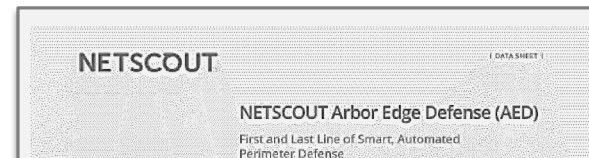
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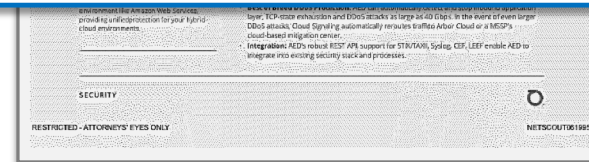
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Features	2600	2800
Physical Dimensions	<b>Chassis:</b> 2U rack height; <b>Height:</b> 3.45 inches (8.67 cm); <b>Width:</b> 17.4 inches (43.53 cm); <b>Depth:</b> 20 inches (50.8 cm); <b>Weight:</b> 36.95 lbs. (17.76 kg)	
Power Options	<b>DC:</b> 2 x DC redundant, hot swap capable power supplies; <b>DC Power Ratings:</b> -40 to -72 Vdc, 28/14 A max (per DC input); <b>AC:</b> 2 x AC redundant, hot swap capable power supplies; <b>AC Power Ratings:</b> 100 to 240 VAC, 50 to 60 Hz, 12/6 A max; <b>Watts:</b> 315 typical, 375 max	
Hard Drives	2 x 240 GB SSD in RAID 1 Configuration	2 x 240 GB SSD in RAID 1 Configuration
Environmental	<b>Operating:</b> Temperature : 41°F to 104°F (5° to 40°C) Humidity: 5-85%; <b>Non-Operating:</b> Temperature -40° to 158°F (-40° to 70°C); Humidity 95%	
Memory	32 GB	64 GB
Processor	2 x Intel Xeon E5-2608L v3 (6 cores) 2 GHz; Watts: 315 typical, 375 max	Dual Intel Xeon (12-core) E5-2648L v3 - 1.80GHz



PTX-016, at 2

# '683 Patent, Claim 1: Infringement Analysis

## '683 Patent, Claim 1

## InfiniStream

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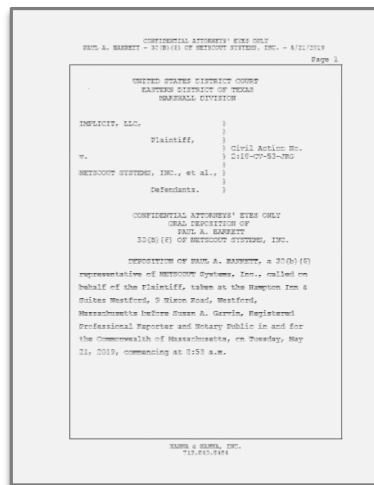
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Barrett Depo., at 107:3-19

3 Q. Who are the manufacturers of the major  
4 components within the InfiniStream, like processors  
5 and memory and FPGA's, and those type of things?

6 A. The CPU's are Intel. I'm afraid I don't  
7 recall which storage vendor we're currently using.  
8 We have used different vendors over the years.

9 Q. Okay.

10 A. I want to say that some of the appliances,  
11 in particular the nGeniusONE appliances, I believe,  
12 are based on Dell platforms.

13 Q. Okay. What is the processor that does the  
14 actual packet processing with the InfiniStream? Do  
15 you know?

16 A. I do know. InfiniStream appliances either  
17 have one or two x86 Intel processors. All  
18 processing, including processing of packets, is  
19 performed by those one or two Intel CPU's.

# '683 Patent, Claim 1: Infringement Analysis

## '683 Patent, Claim 1

## GeoProbe

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### G10 IIC - Cavium

Multi-core NPU up to 32-MIPS cores and 16G of memory. A few cores run Linux for management and storage while the rest are in a bare metal run to completion mode.

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Multi-core x86 up to 40 virtual cores and 192G of memory. On G10 the lone IAP doubles as management and session processing. TrafficProcessor consumes the bulk of x86 resources with up to 26-threads on the IAP320.

PTX-005, at 5, 6

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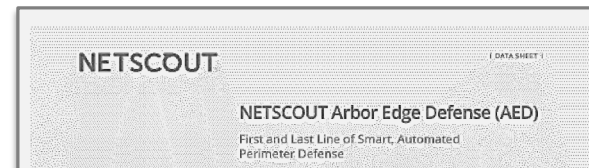
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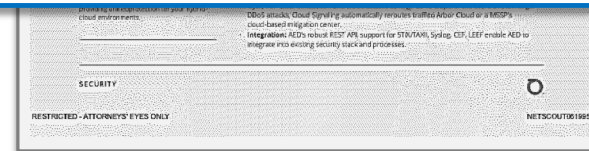
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PTX-016, at 2

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**NETSCOUT**

**Specifications**

<b>Packet Capture Ports</b>	2 Port 10/100/1000 4 Port GbE SFP* 4 Port 10/100/1000
<b>Management Port</b>	RJ45 10/100/1000 BaseT
<b>Storage</b>	1TB (RAID 0) 4TB (RAID 5)
<b>Embedded OS</b>	PTX-227 Solid State Drive (SSD) dedicated to Linux® OS

**PTX-227**

No. 2:18-cv-03-JRG  
PTX-227  
IMPL156866

PTX-227



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Claim Term	Court's Definition
<i>"message"</i>	"a collection of data that is related in some way, such as a stream of video or audio data or an email message"
<i>"sequence of [two or more] routines"</i>	"an ordered arrangement of [two or more] software routines that was not selected from a set of arrangements created before receiving the first packet of the message"































































































































































